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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6925799

		NEW ASSIGNMENT	
NATURE OF CONVEYANCE:		ASSIGNMENT	
CONVEYING PARTY D	ATA		
		Name	Execution Date
JULIE ANN KIDD		03/23/2015	
MATTHEW BROWN			03/20/2015
CODY FRISBY			03/20/2015
CHENGKUN XU			03/20/2015
HEATHER MARIE SCH	AEFER		03/24/2015
JASON K. WIGGINS			03/23/2015
RECEIVING PARTY DA	TA		
Name:	US SYN	ITHETIC CORPORATION	
Street Address:	1260 SC	OUTH 1600 WEST	
City:	OREM		
State/Country/	UTAH		
State/Country:	101.01		
Postal Code:	84058		
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Postal Code: PROPERTY NUMBERS Property Type Application Number: CORRESPONDENCE D Fax Number: <i>Correspondence will b</i> <i>using a fax number, if p</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 4: ATTORNEY DOCKET NU	ATA e sent to provided, E E E E E E E E E E E E E	17479553 the e-mail address first; if that is unsuccessful, it will be sent gcb@phillipswinchester.com PHILLIPS WINCHESTER 4001 S 700 E SUITE 500 SALT LAKE CITY, UTAH 84107 USS.0030.2US	

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ASSIGNMENT

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I/We the undersigned, hereinafter collectively referred to as "Assignor", have made an invention entitled AQUEOUS LEACHING SOLUTIONS AND METHODS OF LEACHING AT LEAST ONE INTERSTITIAL CONSTITUENT FROM A POLYCRYSTALLINE DIAMOND BODY USING THE SAME. Preferred embodiments of said invention are disclosed in a United States provisional patent application which:

- [] is executed concurrently herewith for filing in the United States Patent and Trademark Office and has been assigned Application Serial No N/A, with a filing date of N/A.
- [X] was previously filed in the United States Patent and Trademark Office on 19 March 2015 as Provisional Patent Application Serial No. 62/135,438.

(The attorneys of Dorsey & Whitney LLP are hereby authorized to insert the serial number and filing date when known.)

The Assignee, US Synthetic Corporation, a corporation of the state of Delaware, having a principal place of business at 1260 South 1600 West, Orem, Utah 84058, desires to secure the entire right, title and interest in said invention and the provisional patent application filed thereon.

In consideration of One Dollar (\$1.00) and other good and valuable consideration paid to Assignor by the Assignee, the receipt and sufficiency of which is hereby acknowledged, ASSIGNOR HEREBY ASSIGNS TO THE ASSIGNEE:

The entire right, title and interest in the above-identified U.S. provisional patent application and in said invention of the above-identified U.S. provisional patent application and in all subsequent non-provisional utility patent applications claiming priority thereto, all divisions, continuations and continuations-in-part of said non-provisional patent applications, or reissues or extensions of Letters Patent or Patents granted thereon, and in all corresponding patent applications which may be filed in countries foreign to the United States, and in all patents issuing thereon in the United States and foreign countries to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNOR had this assignment, transfer, and sale not been made; and

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Docket No: 249987US01_480566-336

PATENT REEL: 057536 FRAME: 0273

The right to file foreign patent applications on said invention in its own name, wherever such right may be legally exercised, including the right to claim the benefits of the International Convention for such applications.

Assignor hereby authorizes and requests the United States Commissioner for Patents, and such Patent Office officials in foreign countries as are duly authorized by their patent laws to issue patents, to issue any and all patents on said invention to the Assignee as the owner of the entire interest, for the sole use and behoof of the said Assignee, its successors, assigns and legal representatives.

Assignor hereby agrees, without further consideration and without expense to Assignee, to sign all lawful papers and to perform all other lawful acts which the Assignee may request of Assignor to make this Assignment fully effective, including, by way of example but not of limitation, the following:

Prompt execution of all original, divisional, substitute, reissue, and other United States and foreign patent applications on said invention, and all lawful documents requested by the Assignee to further the prosecution of any of such patent applications.

Cooperation to the best of the Assignor's ability in the execution of all lawful documents, the production of evidence, nullification, reissue, extension, or infringement proceedings involving said invention.

This assignment and agreement shall be binding upon Assignor's heirs and legal representatives.

Docket No: 249987US01_480566-336

PATENT REEL: 057536 FRAME: 0274

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Julie	Ann	Kidd
(GIVEN NAME)	(MIDDLE INITIAL OR NAME)	FAMILY (OR LAST NAME)
Signature <u>hall</u>	Kidd Date 2	×Glach 23
\mathcal{O}^{*}		
STATE OF UTAH	Š 8	
COUNTY OF UTAH	ŝ	
on March 1	2015, before me perso	nally appeared Julie Ann Kidd,

known to me to be the person described and who signed the foregoing Assignment in my presence and acknowledged under oath before me that he has read the same and knows the contents thereof and that he executed the same as his free act and deed and for the purposes set forth therein.

Saah M. Ditum	
NOTARY PUBLIC Residing at Maket, M	
My Commission Expires:	10, 2010



Docket No: 249987US01_480566-336

My Commission Expires:___

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Heather	Marie	Schaefer
(GIVEN NAME)	MIDDLE INITIAL OR NAME)	FAMILY (OR LAST NAME)
Signature Acolla M	Ochen Date	3/24/15
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COUNTY OF UTAH	3 } }	
On March 24	7015 hofora ma no	ersonally appeared Heather Marie
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contents thereof and that he ex	cecuted the same as his free ac	t and deed and for the purposes set
forth therein.		an a
Smak M. Athra)	Γ.	SARAH M PETERSEN
NOTARY PUBLIC		A Notery Public, State of Utah Commission # 610765
Residing at Vraph, 1		Sec. Wy Commission Expires
		July 10, 2016 }

<u> Tiely 10, 2016</u>

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Docket No: 249987US01_480566-336

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Chengkun		Xu
(GIVEN NAME) /_ 20	(MIDDLE INITIAL OR NAME)	FAMILY (OR LAST NAME)
Signature	Date	3/20/2015
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STATE OF UTAH §		
STATE OF UTAH § § COUNTY OF UTAH §		
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on March 20	2015 balance annount	
to me to be the person described ar		appeared Chengkun Xu, known Assignment in my presence and
acknowledged under oath before π	he that he has read the same	and knows the contents thereof
and that he executed the same as his	s free act and deed and for the	e purposes set forth therein.
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SUM M-ATTUNIC		
NOTARY PUBLIC		
Residing at $V(MPR, M)$		
My Commission Expires: J	0.2010	
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Docket No: 249987US01_480566-336

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Jason	К.	Wiggins
(GIVEN NAME)	(MIDDLE INITIAL OR NAME)	FAMILY (OR LAST NAME)
Signature	Date _	23 MAR 15
////	r.	
STATE OF UTAH	§.	
	§	
COUNTY OF UTAH	§	
on March 23	, 2015, before me perso	mally appeared Jason K. Wiggins,
		the foregoing Assignment in my
COUNTY OF UTAH On $M / 23$ known to me to be the per		the foregoing Assignment in

known to me to be the person described and who signed the foregoing Assignment in my presence and acknowledged under oath before me that he has read the same and knows the contents thereof and that he executed the same as his free act and deed and for the purposes set forth therein.

MAL $M\mathcal{D}i$ NOTARY PUBLIC Residing at Dappy, U Ŵ 2010 My Commission Expires: IWI



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Docket No: 249987US01_480566-336

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Matthew		Brown
(GIVEN NAME)	(MIDDLE INITIAL OR NAA	(E) FAMILY (OR LAST NAME)
Signature <u>Mathan</u>	Prote Date	- March 20, 2015
STATE OF UTAH	§ 8	
COUNTY OF UTAH	\$	
presence and acknowledge	person described and who signed under oath before me that	personally appeared Matthew Brown, ned the foregoing Assignment in my he has read the same and knows the e act and deed and for the purposes set
NOTARY PUBLIC Residing at APT, UT My Commission Expires:		SABAH M PETERSEN Notery Public, State of Uten Commission # 610765 My Commission Expires July 19, 2018

Docket No: 249987US01_480566-336

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Cody		Frisby
(GIVEN NAME)	(MIDDLE INITIAL OR NAME)	FAMILY (OR LAST NAME)
Signature <u>Cody Frisley</u>	Date	3/20/15
STATE OF UTAH §		
COUNTY OF UTAH §		
On $M(h 20)$ to me to be the person described an acknowledged under oath before m and that he executed the same as his	nd who signed the foregoin he that he has read the sam	e and knows the contents thereof
NOTARY PUBLIC Residing at MPAY, M My Commission Expires: TUL	10. 2016	SARAH M PETERSEN Notary Public, State of Utah Commission # 610765 My Commission Expires July 10, 2016

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Docket No: 249987US01_480566-336

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